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# HYUNDAI

LED Spotlight, 7W  
Technical Specification

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Product Description:	Spotlight 7W recessed, 3000K / 6500K
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## A. Appearance Description

	Component No.	Component Name.	Material Technics	Color Effect	Remark
	1	front rail	PBT	white	Normal
	2	Optical lens	PC	lucency	
	3	Lens fixed ring	PC	white	
	4	Heat dissipating aluminum parts	6063	silver	
	5	Back cover	PBT	white	
	6	Spring	Fe	silver	
	7	Spring rubber sleeve	Silica gel	white	
8	Press cover	PC	blue		

## B. Structure

Parameter	Units	Min	Rating	Max	Remark
Weight	g	63	67	71	
Lens Material & Surface Treatment	-	Optical lens: Texture			
Driver	-	Built in			
Installation Method	Recessed				

## C. Product Certificate

<b>Standards</b>	<input checked="" type="checkbox"/> IEC 60598 Series <input type="checkbox"/> UL1598 <input type="checkbox"/> GB7000 Series <input type="checkbox"/> IEC 61347 Series <input type="checkbox"/> UL1310 <input type="checkbox"/> GB19510 <input type="checkbox"/> IEC62031 <input type="checkbox"/> FCC 47 part 15 <input type="checkbox"/> GB/T20145 <input type="checkbox"/> IEC 62471 <input type="checkbox"/> CISPR15 <input checked="" type="checkbox"/> ROHS <input type="checkbox"/> IEC 61000-3-2/3 <input type="checkbox"/> IEC 61547
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## D. Electronic Data

Parameter	Units	Min	Rating	Max	Remark
Supply Voltage	V	100	110 - 220	240	
Supply Frequency	Hz	50	50/60	60	
Supply Current	mA	47.7		85	
Power Consumption	W	6.5	7		
Power Factor		> 0.5			
Operating Temp.	C°		-20 ~ 45		

## Fixture Product Specification

Parameter	Units	Min	Rating	Max	Remark
LED Driver Current	mA	<b>93.6</b>		<b>114.4</b>	
LED Driver Voltage	V	<b>48.6</b>		<b>59.4</b>	
LED Driver Efficiency	%	<b>80</b>			
Surge protection	KV	<b>1</b>			

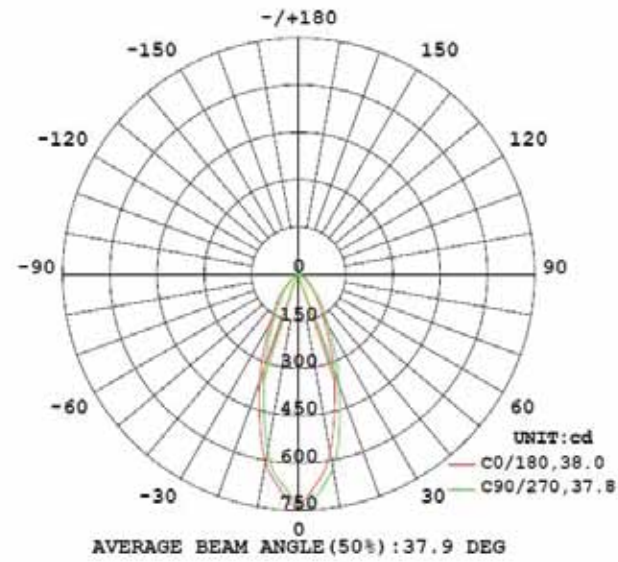
### E、 Light Source Data

LED Model	-	<b>LED_2835_9V100mA_SL-WB2835FTA-31KAG/G-ER_R80</b>			
LED Qty. ( pcs )	<b>pcs</b>	<b>6</b>			
LED Circuit Mode		<b>54V</b>			
LM80 Report	-	<b>Y</b>			

### F、 Chromaticity Data

Parameter	Units	Min	Rating	Max	Remark
Luminous Flux	Lm	<b>500</b>	<b>560</b>	<b>585</b>	
Max Luminous Intensity	Cd				
Beam Angle	°	<b>30</b>	<b>38</b>	<b>48</b>	
Luminous Efficacy	lm/W	<b>71.5</b>	<b>80</b>	<b>83.5</b>	
Optical Efficiency	%	-	<b>85</b>	-	
CRI	-	<b>80</b>			
Chromaticity Coordinate		<input checked="" type="checkbox"/> CIE standard <input type="checkbox"/> ANSI standard <input type="checkbox"/> JIS standard			
Color Temperature	K				

Light Distribution Curve



### G、 Reliability Data

Parameter	Units	Rating/Working Condition	Remark
Lifetime	hrs.	<b>30000</b>	
Number of Switching Cycles	Times	<b>15000</b>	
Starting Time	s	<b>0.5</b>	
Ability Test	-	<b>PASS</b>	
High-low Temperature Cycle Test	-	<b>PASS</b>	
High Temperature and Humidity Test	-	<b>PASS</b>	

